

ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
847-967-6666
FAX: 847-967-6735

LABORATORY REPORT

143603-A

Chemical Waste Management
138th Street & I-94, P.O. Box 1296
Calumet City, IL 60409

Report Date: 5/31/96
Sample Received: 5/29/96

Sample Description: BZ5833
Sample No.: 53605

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	Sample (ppb)	Blank (ppb)		
PCB 1221	<500	<0.08	500	2500
PCB 1232	<500	<0.08	500	2500
PCB 1016 (1242)	<500	<0.08	500	2500
PCB 1248	<500	<0.08	500	2500
PCB 1254	<500	<0.08	500	5000
PCB 1260	<500	<0.08	500	5000
(Total PCB)	<500	<0.08	500	----

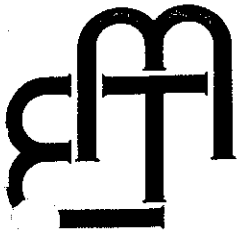
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

Leah E. Zylus

LABORATORY DIRECTOR



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8100 North Austin Avenue
Morton Grove, Illinois 60053-3203
708/967-6666
FAX: 708/967-6735

LABORATORY REPORT

142136

AETS
13005 Hamlin Court
Alsip, IL 60658

Report Date: 5/2/96
Sample Received: 4/12/96

Sample Description: Sample #FC-1
Sample No.: 49004

Compound <u>Purgeables</u>	Concentration Found In		Method Detection Limit (MDL) <u>ug/kg (ppb)</u>	Quantitation Limit <u>ug/kg (ppb)</u>
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
1. Freon 113 (1,1,2-trichloro- 1,2,2-trifluoroethane	<1.0	<1.0	1.0	5

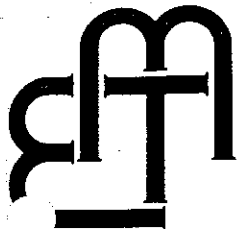
All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

Leah E. Zelen

LABORATORY DIRECTOR



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Morton Grove, Illinois 60053-3203
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LABORATORY REPORT

142137

AETS
13005 Hamlin Court
Alsip, IL 60658

Report Date: 5/2/96
Sample Received: 4/12/96

Sample Description: Sample #FC-12
Sample No.: 49005

Compound <u>Purgeables</u>	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
1. Freon 113 (1,1,2-trichloro- 1,2,2-trifluoroethane	<1.0	<1.0	1.0	5

All results expressed as ppb unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

Leah E. Zelen

LABORATORY DIRECTOR

Appendix I

APPENDIX I

INVOICES



INVOICE

SOLD TO: Torvac
3000 W. Wireton Road
Blue Island, IL 60406
ATTN: Dan Ross

December 27, 1995

DESCRIPTION

1 Stainless Steel Sweco Separator

Model # 49AB-7-BD

Serial # 05US4858

TOTAL COST \$2000.00

THE ABOVE LISTED ITEM IS BEING SOLD AS IS.

This material was shipped via Torvac's truck.

*Separator was paid
up by Dan Ross 2-1-96 - 1/2*
PAID BY CHECK # 010119

R. J. Beck
1-26-96



Chemical Waste Management, Inc. BU 5443

Profile #

WASTE PROFILE

(Please carefully read the instructions before completing this form)

TSDf requested _____ Technology requested _____ Sales # CA3
☐ Check here if this is a Recertification ☐ Check here if a Certificate of Destruction or Disposal is required

GENERAL INFORMATION

1. GENERATOR NAME: Advanced Environmental Tech. Services Generator USEPA ID: ILD 099215303
2. Generator Address: 13005 Hamlin Ct. Billing Address: ☐ Same CHEMICAL WASTE MANAGEMENT, INC.
Alsip, IL 60658 3331 STREET ROAD
3. Technical Contact/Phone: (312) 646-8329 Calvin Harris TWO GREENWOOD SQUARE, SUITE 200
4. Alternate Contact/Phone: (708) 388-1732 Jerry Becka Billing Contact/Phone: BENSALEM, PA 19020
ATTN: MARY BRIDGET SCHMIDT
PH# (215) 633-2037

PROPERTIES AND COMPOSITION

5. A. Process Generating Waste: Decontamination of Swaco filter
B. Is the waste from a CERCLA or state mandated cleanup? Yes ☐ No ☐ Location name: _____
6. Waste Name: PPE
7. A. Is this a USEPA hazardous waste (40 CFR Part 261)? Yes ☐ No ☒
B. If D001, D002, D012- D043 do any underlying hazardous constituents (UHC's) apply? Yes ☐ No ☐ (If yes, attach UHC form)
C. Does this waste contain debris (List size and type in chemical composition)? Yes ☐ No ☐
D. Identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U): _____

State Waste Codes: _____

8. Physical State @ 70°F: A. Solid ☒ Liquid ☐ Both ☐ Gas ☐ B. Single Layer ☐ Multilayer ☐ C. Free liquid range _____ to _____ %
9. A. pH: Range _____ to _____ or Not applicable ☐ B. Strong Odor ☐ describe _____
10. Liquid Flash Point: < 73°F ☐ 73-99°F ☐ 100-139°F ☐ 140-199°F ☐ ≥ 200°F ☐ N.A. ☒

11. CHEMICAL COMPOSITION: List ALL constituents (including halogenated organics and UHC's) present in any concentration and forward available analysis

Constituents	Range	Units	Constituents	Range	Units
<u>rubber gloves</u>	<u>10-90</u>	<u>%</u>			
<u>rags (cloth)</u>	<u>10-90</u>	<u>%</u>			

TOTAL COMPOSITION MUST EQUAL OR EXCEED 100%

12. OTHER: PCBs if yes, concentration _____ ppm, PCBs regulated by 40 CFR 761 ☐ Pyrophoric ☐ Explosive ☐ Radioactive ☐
Water Reactive ☐ Shock Sensitive ☐ Oxidizer ☐ Carcinogen ☐ Infectious ☐ Other _____
13. If Benzene, concentration _____ ppm. Is the waste subject to the Benzene Waste Operations NESHAP? Yes ☐ No ☐ Unknown ☐
14. Is the waste subject to RCRA subpart CC controls? Yes ☐ No ☐ Volatile organic concentration, if known _____ ppmw.
15. If the waste is subject to the land ban and meets the treatment standards, check here: _____ and supply analytical results where applicable.

SHIPPING INFORMATION

16. PACKAGING: Bulk Solid ☒ Type/Size: 55 DM Bulk Liquid ☐ Type/Size: _____ Drum ☐ Type/Size: _____ Other _____
17. SHIPPING FREQUENCY: Units _____ Per: ☐ Month ☐ Qtr. ☒ Year ☐ One Time ☐ Other _____

SAMPLING INFORMATION

18. A. Sample source (drum, lagoon, pond, tank, vat, etc.) _____
Date Sampled: _____ Sampler's Name/Company: _____
18. B. Generator's Agent Supervising Sampling: _____ 19. No sample required (See instructions.) ☒

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261.1 Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize CWM to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary.

A. J. Becka
Signature

A. J. BECKA/FACILITY 1-18-96
Printed (or typed) name and title MANAGER Date



CENTURY RESOURCES FACILITY, 13005 HAMLIN COURT, ALSIP, ILLINOIS 60658
PHONE: (708) 388-1732 (800) 887-2382 FAX: (708) 388-9079

RECEIPT

September 1, 1994

SOLD TO: Stoddard Oil
3456 12th Street
Wayland, MI 49348

DESCRIPTION

3 FSI Filter Canisters

Serial #'s	3902
	3499
	4635

TOTAL COST \$2000.00

The above listed items are being sold AS IS.


BUYER SIGNATURE


SELLER SIGNATURE

PAID BY CHECK # 8393

Scrap Tare Ticket

B. L. NICKELSON IRON & METAL CO., INC.

8501 S. BALTIMORE AVE. • CHICAGO, IL 60617

Phone: (312) 375-0874

Fax: (312) 375-8829

3153

DATE 4-23-96

CUSTOMER ACTS

ADDRESS _____

CITY _____ STATE _____ ZIP _____

COMMODITY _____

PRICE _____

REMARKS _____

1011 12:26P 4-23-96
Mack 10060

112:27P 4-23-96
B-11 26200

36260
-33300
2960

DRIVER ☐ ON ☐ OFF

WEIGHER _____

TO: JERRY
FROM: VERONICA

Scrap Tare Ticket

B. L. NICKELSON IRON & METAL CO., INC.

8501 S. BALTIMORE AVE. • CHICAGO, IL 60617

Phone: (312) 375-0874

Fax: (312) 375-8628

3351*

DATE FOR 6-13*

CUSTOMER A.E.T.S

ADDRESS 131 st + HANLIN

CITY _____ STATE _____ ZIP _____

COMMODITY _____

PRICE _____

REMARKS _____

DRIVER ☐ ON ☐ OFF

WEIGHER _____

#56 35,880
L-3 29,980
6,100

Scrap Tare Ticket

B. L. NICKELSON IRON & METAL CO., INC.

8501 S. BALTIMORE AVE. • CHICAGO, IL 60617

Phone: (312) 375-0874

Fax: (312) 375-8629

3185

PIPE -
-55

30740
10380
41120
31400

56
#9

DATE 5-9
CUSTOMER CETS-

ADDRESS

CITY STATE ZIP

COMMODITY Pipe - some pt & -

PRICE

9720 N -

REMARKS

DRIVER ☐ ON ☐ OFF

WEIGHER

18863

COLUMBIA SCALE CO. - CHICAGO, IL

1683

Hand
211
0114

COLUMBIA SCALE CO. - CHICAGO, IL

Scrap Tare Ticket

B. L. NICKELSON IRON & METAL CO., INC.

8501 S. BALTIMORE AVE. • CHICAGO, IL 60617

Phone: (312) 375-0874

Fax: (312) 375-9629

3305

DATE 6-28-96

CUSTOMER A E T S

ADDRESS 131st & Hamlin

CITY _____ STATE _____ ZIP _____

COMMODITY _____

PRICE _____

REMARKS Tim

9:03A 6-28-96
9760

9:03A 6-28-96
29820

39,580
- 32,940
6,640

DRIVER ☐ ON ☐ OFF #56

WEIGHER BLB-3



State of Illinois

ENVIRONMENTAL PROTECTION AGENCY

Todd
US EPA

Mary A. Gade, Director

2200 Churchill Road, Springfield, IL 62794-9276

217/524-3300

October 30, 1995

Century Resources, Inc.
13005 Hamlin Court
Alsip, Illinois 60658

Re: 0310030002 -- Cook County
Century Resources, Inc.
× ILD099215303 A.H.I.
Log No. 115-M-6
Received: June 9, 1995
RCRA Closure

Gentlemen:

The closure plan submitted by Advanced Environmental Technology Corporation has been reviewed by this Agency. Your partial closure plan to close the hazardous wastewater storage tanks (SO2) is hereby approved subject to the following conditions and modifications (it is understood that some of the requirements associated with these conditions and modifications may have been met):

1. Closure activities must be completed by May 1, 1996. When closure is complete the owner or operator must submit to the Agency certification both by the owner or operator and by an independent registered professional engineer that the facility has been closed in accordance with the specifications in the approved closure plan. This certification must be received at this Agency within sixty (60) days after closure, or by July 1, 1996.

The attached closure certification form must be used. Signatures must meet the requirements of 35 Ill. Adm. Code Section 702.126. The independent engineer should be present at all critical, major points (activities) during the closure. These might include soil sampling, soil removal, backfilling, final cover placement, etc. The frequency of inspections by the independent engineer must be sufficient to determine the adequacy of each critical activity. Financial assurance must be maintained for the units approved for closure herein until the Agency approves the facility's closure certification.

The Illinois Professional Engineering Act (Ill. Rev. Stat., Ch. 111, par. 5101 et. seq.) requires that any person who practices professional engineering in the State of Illinois or implies that he (she) is a professional engineer must be registered under the Illinois Professional Engineering Act (par. 5101, Sec. 1). Therefore, any certification or

engineering services which are performed for a closure plan in the State of Illinois must be done by an Illinois P.E.

Plans and specifications, designs, drawings, reports, and other documents rendered as professional engineering services, and revisions of the above must be sealed and signed by a professional engineer in accordance with par. 5119, sec. 13.1 of the Illinois Professional Engineering Act.

As part of the closure certification, to document the closure activities at your facility, a Closure Documentation Report which must be submitted which includes the following:

- a. The volume of waste, waste residue and contaminated soil (if any) removed. The term waste includes wastes resulting from decontamination activities.
- b. A description of the method of waste handling and transport.
- c. The waste manifest numbers.
- d. Copies of the waste manifests.
- e. Color photo documentation of closure. Document conditions before, during and after closure.
- f. A chronological summary of closure activities and the cost involved.

The original and two (2) copies of all certifications, logs, or reports which are required to be submitted to the Agency by the facility should be mailed to the following address:

Illinois Environmental Protection Agency
Bureau of Land -- #33
Permit Section
2200 Churchill Road
Post Office Box 19276
Springfield, Illinois 62794-9276

2. The approval of this partial closure plan does not relieve Century Resources, Inc. of the responsibility of providing financial assurance for the remainder of the facility which is subject to closure, in accordance with 35 Ill. Adm. Code Part 724 Subpart H.
3. The Permittee shall steam clean and triple rinse tank system #8 and #9. All sweepings, washwater and rinsate generated during the closure of the unit shall be managed as a hazardous waste, unless it can be shown to be exempt under 35 Ill. Adm. Code Part 721. An

independent, registered, professional engineer must certify that the surface has no cracks, gaps, or other defects which would allow waste to migrate through to the underlying soil or an approved sampling plan must be used to establish clean closure.

4. If the Agency determines that implementation of this closure plan fails to satisfy the requirements of 35 Ill. Adm. Code, Section 725.211, the Agency reserves the right to amend the closure plan. Revisions of closure plans are subject to the appeal provisions of Section 40 of the Illinois Environmental Protection Act.
5. A revised cost estimate and financial assurance instruments should be submitted with the closure certification documents.
6. Under the provisions of 29 CFR 1910 (51 FR 15,654, December 19, 1986), cleanup operations must meet the applicable requirements of OSHA's Hazardous Waste Operations and Emergency Response standard. These requirements include hazard communication, medical surveillance, health and safety programs, air monitoring, decontamination and training. General site workers engaged in activities that expose or potentially expose them to hazardous substances must receive a minimum of 40 hours of safety and health training off site plus a minimum of three days of actual field experience under the direct supervision of a trained experienced supervisor. Managers and supervisors at the cleanup site must have at least an additional eight hours of specialized training on managing hazardous waste operations.
7. Approval of this closure plan for the storage unit(s) closing at this time in no way approves or disapproves the closure plan as it relates to the storage units that are not closing at this time. Prior to initiating closure activities for those unit(s), a closure plan must be submitted to and approved by this Agency.
8. If clean closure cannot be achieved pursuant to 35 Ill. Adm. Code 725.297(a) then a modified closure plan and a post-closure plan prepared pursuant to 35 Ill. Adm. Code Section 725.297(b) must be submitted to the Agency for review and approval within 60 days of such a determination.
9. 35 Ill. Adm. Code 721.131 F001 through F005 wastes must be disposed in accordance with 35 Ill. Adm. Code Part 728.
10. To avoid creating another regulated storage unit during closure, it is recommended that you obtain any necessary permits for waste disposal prior to initiating excavation activities. If it is necessary to store excavated hazardous waste on-site prior to off-site disposal, do so only in containers or tanks for less than ninety (90) days. Do not create regulated waste pile units by storing the excavated hazardous waste in piles. The ninety (90) day accumulation time exemption (35 Ill. Adm. Code 722.134) only applies to containers and tanks.

11. Please be advised that the requirements of the Responsible Property Transfer Act (Public Act 85-1228) may apply to your facility due to the management of RCRA hazardous waste. In addition, please be advised that if you store or treat on-site generated hazardous waste in containers or tanks pursuant to 35 Ill. Adm. Code 722.134, those units are subject to the closure requirements identified in 35 Ill. Adm. Code 722.134(a)(1).
12. All hazardous wastes that result from this project are subject to annual reporting as required in 35 Ill. Adm. Code 722.141 and shall be reported to the Agency by March 1 of the following year for wastes treated and left on-site or shipped off-site for storage, treatment and/or disposal during any calendar year. Additional information and appropriate report forms may be obtained from the Agency by contacting:

Facility Reporting Unit
Bureau of Land
Illinois Environmental Protection Agency
2200 Churchill Road
P.O. Box 19276
Springfield, Illinois 62794-9276

Should you have any questions regarding this matter, please contact Ron Harmon at 217/524-3300.

Sincerely,



Edwin C. Bakowski, P.E.
Manager, Permit Section
Bureau of Land

ECB:RH\mls\951073.WPD

Attachment

cc USEPA Region V -- Hak Cho



A.4.1

217/782-6761

Refer to: 0310030002 -- Cook County
Century Resources Inc.
Closure Plan Approved: 5-3-91
Closure Log #: C-578
ILD099215303
RCRA CLOSURE

CERTIFIED # P681208679

December 4, 1991

Century Resources Inc.
Attn: William Byers
13005 Hamlin Court
Alsip, IL 60658

Dear Mr. Byers:

The subject hazardous waste management facility was inspected by a representative of this Agency on November 5, 1991. The inspection revealed that the closure activity was completed in accordance with the approved closure plan dated February 27, 1991.

Certification that the Hazardous Waste Storage Tank 10 had been closed in accordance with the approved closure plan by the owner/operator, Century Resources Inc., and an independent registered professional engineer, David Corkle, of Illinois was received at this Agency on October 24, 1991.

The Agency has determined that the closure of the Hazardous Waste Storage Tank 10 has apparently met the requirements of Interim Status Standards, 35 Ill. Admin. Code, Part 725 (40 CFR, Part 265).

This facility must continue to meet the applicable requirements of 35 Ill. Admin. Code, Subtitle G.

If you have any questions, please contact James Haennicke at 708/531-5900.

Sincerely,

Glenn D. Savage, Manager
Field Operations Section
Division of Land Pollution Control

GDS:JH:sd

cc: Division File
Maywood Region
USEPA Region V, George Hamper
USEPA Region V, Marilyn Sabadaszka
USEPA Region V, Judy Kertcher
David Corkle, P.E.
Andy Vollmer
Brian White
Charlie Zeal
Mike Walwer